

REMARKS

Claims 1, 4, 7, 12, and 15-37 are pending in this application. Claims 20, 22, 29, and 32 are amended herein to more distinctly claim the present invention. Applicant submits that no new matter has been added by this response.

Claim 20 was rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Publication No. 2006/0209765, to Li et al. (hereinafter as Li) in view of U.S. Publication No. 2002/0004924, to Kim et al. (hereinafter as Kim). Claims 22-27, 29-30, 32, and 34-37 were rejected under 35 U.S.C. 103(a) as being unpatentable over Kim in view of Li. Applicant respectfully traverse these rejections, and requests reconsideration and allowance of these claims in view of the following arguments.

Response to Remarks/Amendment

Applicant is appreciative that the Examiner indicated that in view of the previous amendments claims 1, 4, 7, 12, 15-19 are now allowable.

Specification Objections

The Examiner objected to the disclosure because page 1 incorrectly listed one of the inventors name as "Sim Dong Hee." In response, please correct page 1 of the specification to list the inventors as "Sim Hong-Hi, Seo Dong Youn and Kim Bong-Hoe" as listed on the Oath and Declaration. Accordingly, Applicant requests that the specification objection is withdrawn.

Claim Objections

Claim 22 was objected to because of the following informalities: claim 22, line 5 should recite "of each a plurality...", the claim is now amended accordingly. Claims 22 and 32, last line recites "check of...," the claims are amended to delete "of each the plurality of antennas." Accordingly, the corrections are incorporated herein, and Applicant requests that the claim objections be withdrawn.

Rejections under 35 U.S.C. § 103

Claim 20 was rejected under 35 U.S.C. 103(a) as being unpatentable over Li in view of Kim.

Claim 20 is directed to an apparatus for signal processing and includes "a signal reception unit for receiving at least two data blocks with cyclical redundancy check (CRC) attached to each data block via at least one of a plurality of antennas," and "wherein the CRC is independently attached to each of the at least two data blocks."

Li fails to teach or suggest "the CRC is independently attached to each of the at least two data blocks," as recited by amended claim 20. Instead, as indicated on page 3 of the Office Action, Li page 1, section [0007] teaches a cyclic extension is added by subsystem 26 prior to transmission by an antenna and the same is received by a receive portion or unit 32.

Applicant's further review of the cited art reveals that Kim discloses, "[a] CRC inserter 421 receives a control message block comprised of control bits and adds a CRC to the received control message block" (page 5, section 0065), and "[t]he CRC inserter 431 receives a data block with an associated message number from an upper

layer and adds a CRC to the received data in a predetermined way" (page 5, section 0067).

Applicant respectfully submits that Kim clearly fails to teach or suggest the claim limitations "receiving at least two data blocks with cyclical redundancy check (CRC) attached to each data block via at least one of a plurality of antennas," and "the CRC is independently attached to each of the at least two data blocks."

Applicant respectfully submits that Kim fails to cure the deficiencies of Li with respect to above-identified claim limitations. Therefore, even if the cited references were combined in the manner asserted, the invention of claim 20 would not be achieved. Accordingly, it is believed that claim 20 is patentable over Li in view of Kim.

Rejections under 35 U.S.C. § 103

Claims 22-27, 29-30, 32, and 34-37 were rejected under 35 U.S.C. 103(a) as being unpatentable over Kim in view of Li.

Independent claims 22, 29, and 32 have been amended to recite limitations similar to claim 20, with regard to "the CRC is independently attached to each of the data blocks" feature. Therefore, for reasons stated above, Applicant submits that claims 22, 29, and 32 are patentable over Kim in view of Li.

Accordingly, dependent claims 30-31 and 33-37 are believed to be patentable at least by virtue of their respective dependence from patentable claims 29 and 32, respectively.

Applicant respectfully requests that the rejections under 35 U.S.C. § 103(a) be withdrawn.

Allowable Subject Matter

Applicant graciously appreciates the Examiner's indication that claims 1, 4, 7, 12, 15-19 are allowed.

The Examiner also indicated that claims 21, 28, 31 and 33 would be allowable if rewritten in independent form including. However, Applicant believes that the amendments to Independent claims 20, 29, and 32 now place the respective claims in allowable condition, so claims 21, 28, 31, and 33 have not been amended as suggested by the Examiner and are believed to be in condition for allowance by virtue of their dependence from an allowable independent claim.

Conclusion

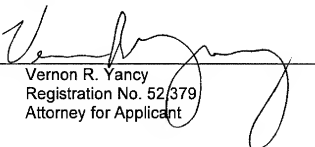
In view of the foregoing, it is respectfully submitted that the application and the claims are in condition for reconsideration on the merits, thus reexamination of the application is requested. The Examiner is invited to call the undersigned attorney at (213) 623-2221 should the Examiner believe a telephone interview would advance the prosecution of the application.

Respectfully submitted,

Lee, Hong, Degerman, Kang & Schmadeka

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By:



Vernon R. Yancy
Registration No. 52,379
Attorney for Applicant